

# **Data Access and Dissemination System (DADS II)**

**Industry Day  
November 30, 2005**

# Agenda

- 1:30 Opening Remarks
- 1:45 Program Overview
- 1:55 Program Description
- 2:15 Physical Security
- 2:30 IT Security
- 2:45 Acquisition Status
- 3:15 Q&A
- 4:00 Conclusion

# **Data Access and Dissemination System (DADS II)**

## ***Opening Remarks***

**Arnold Jackson**  
**Assistant Director for Decennial Census**

# **Data Access and Dissemination System (DADS II)**

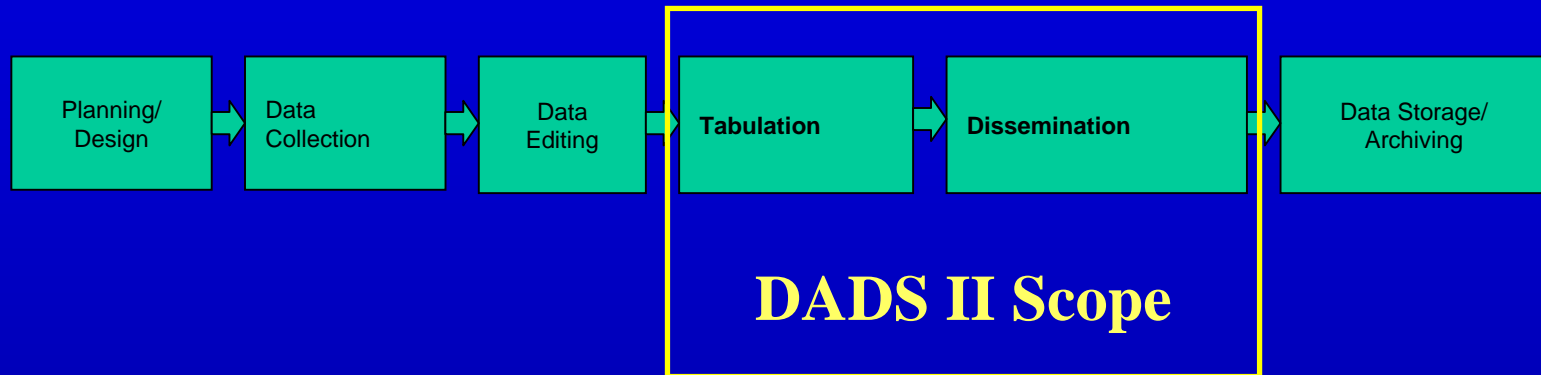
## ***Program Overview***

**Ron Thompson  
DADS Program Manager**

# Data Access and Dissemination System (DADS II)

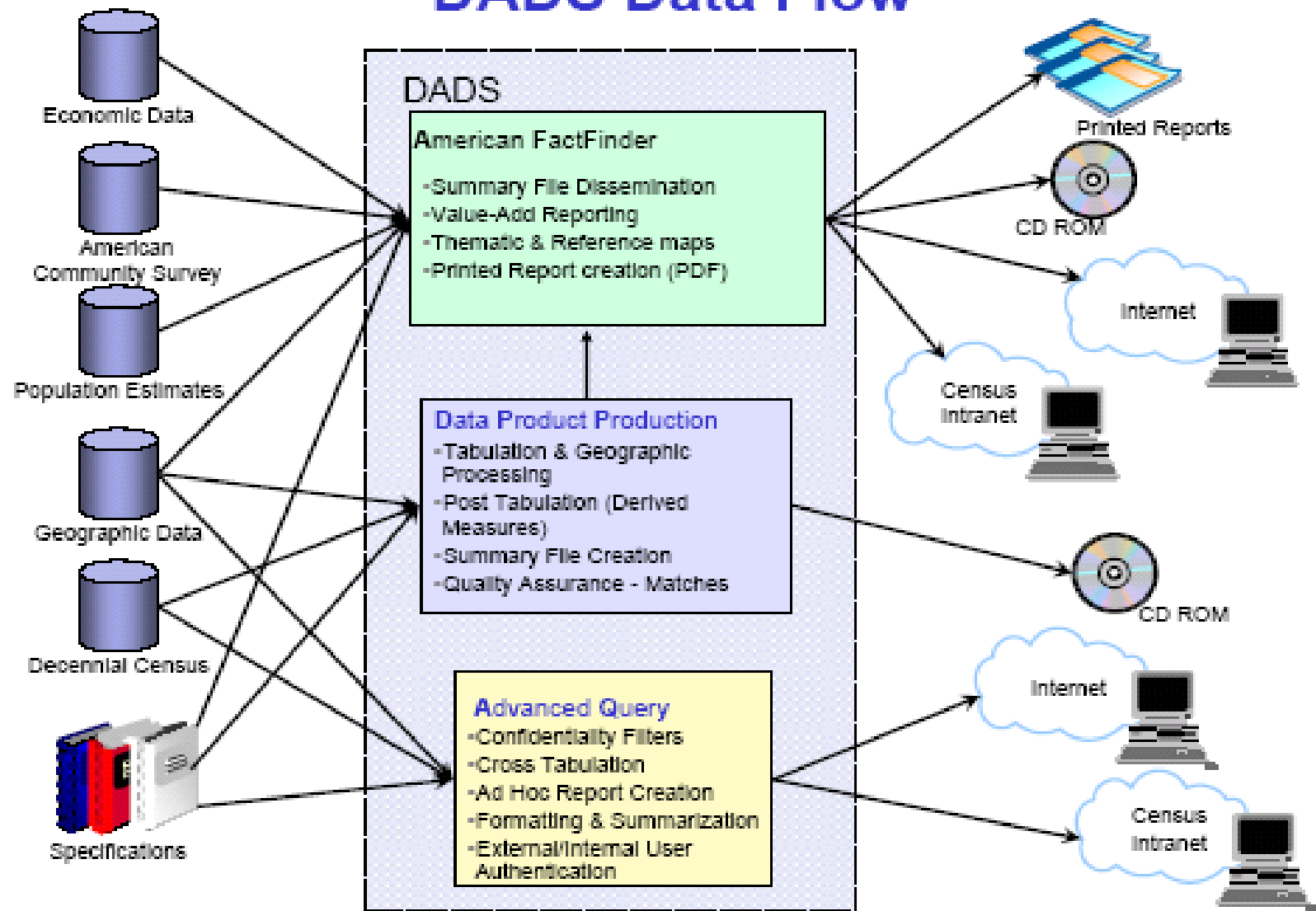
- What is DADS?
- Who are the DADS customers?
- Major Components and Products
- DADS Goals and Achievements

# Data Access and Dissemination System (DADS II)



- DADS II Scope limited to the tabulation and dissemination portions of the process

# DADS Data Flow



# DADS Products

- DADS Products (Data Set)
  - Approximately 1,090 Dissemination Products
  - 15 Tabulation Products
- DADS II Projected Products
  - Approximately 1,606 Dissemination Products
  - 12 Tabulation Products



# DADS Major Achievements

- Major Achievements
  - Recognition
  - System Usage
  - Products

# DADS II Program Goals

## *Program Goals*

1. Maximize the efficiency, timeliness and accuracy of the tabulation and dissemination products and services.
2. Minimize the cost of tabulation and dissemination.
3. Increase user satisfaction with tabulation and dissemination products and services.

# **Data Access and Dissemination System (DADS II)**

## ***Program Description***

**Deidre Hicks  
DADS Program Management Office**

# Program Goals/Objectives

**GOAL 1 - Maximize the efficiency, timeliness and accuracy of the tabulation and dissemination products and services.**

## **Objectives:**

- **Meet all legal deadlines and external commitments**
- **Contribute to the overall improvement of the quality and accuracy of the data and data products.**
- **Reduce the elapsed time required to produce releasable data and data products.**
- **Simplify and standardize the processes for tabulation and dissemination.**
- **Maintain continuity of tabulation and dissemination business operations in a changing environment.**

# Program Goals/Objectives continued

## Goal 2 - Minimize the cost of tabulation and dissemination.

### Objectives

- Implement process improvement initiatives to drive down the cost of tabulation and dissemination.
- Reduce cost through collaboration with other Census Bureau organizations that perform tabulation and dissemination.
- Leverage existing Census Bureau resources, processes and systems.

# Program Goals/Objectives continued

## Goal 3 - Increase user satisfaction with tabulation and dissemination products and services.

### Objectives

- Ensure management and control of data privacy and confidentiality.
- Maintain high system availability.
- Increase user satisfaction with ability to find and acquire Census Bureau data and data products.
- Increase user satisfaction with the usefulness and relevance of Census Bureau data and data products.
- Develop new, more useful data products and services using existing Census Bureau data.
- Strengthen the effectiveness of secondary distributors of Census Bureau data and data products.

# DADS Program Description

## *DADS II Scope*

- Business Operations – Tabulation
- Business Operations - Dissemination

# DADS Program Description

## *DADS II Scope continued*

- DADS Requirements Management



# DADS Program Description

## *DADS II Scope continued*

- System Life Cycle Management

# DADS Program Description

## *DADS II Scope continued*

- System Engineering and Architecture
- Program Management

# PHASES OF DADS II CONTRACT

## *Phase 1 – Transition Planning*

*(Oct thru Dec 2006)*

- Observe, interface, and work with the incumbent work force and the Government to gain in-depth knowledge of DADS
- Develop and deliver a detailed Transition Plan for the Phase 2 and Phase 3

# PHASES OF DADS II CONTRACT

## *Phase 2 – Transition*

*(Jan thru Jun 2007)*

- Implement, execute, manage and control the Transition Plan for Phase 2 and 3
- Incrementally transfer responsibilities from the incumbent

# PHASES OF DADS II CONTRACT

## *Phase 3 – Production*

*(Jul 2007 thru Jun 2016)*

- Assume full responsibility for all functions
- Responsible for all activities described in Performance Work Statement

# **Data Access and Dissemination System (DADS II)**

## ***Physical Security Requirements***

**Louise Santivanez  
Chief, Counter Espionage Branch**

# Overview

- Office of Security Responsibilities
- United States Code (U.S.C.) Title 13
- Investigations and Forms
- Foreign Nationals

# Office of Security Responsibilities

- Anti-Terrorism Branch
- Counter-Espionage Branch
- Emergency Management and Client Services Branch



# United States Code Title 13

- Authorizes the Census Bureau to collect and maintain data on a broad range of subjects
- Protects confidentiality of data collected during surveys and the Decennial Census
- Strict penalties for unauthorized disclosure
  - Fines up to \$250,000, jail terms up to 5 years, or both penalties
- Title 13 Oath of Nondisclosure required

# Investigation and Forms

- Pre-Work Requirements
  - Contractor Applicant and Sponsor (COTR) must take HSPD-12 directed on-line training
  - Favorable pre-employment fingerprint check **MUST** be received prior to working at a Census site
  - In-person Identity proofing must be completed by Sponsor (COR/COTR) upon submission of forms

# Investigation and Forms

- Pre-Work Requirements, Cont'd
  - Investigation forms packages/fingerprint cards must be received at least 2 weeks prior to start of work
  - Investigation packages furnished by Government at contract award and made available as needed during the life of contract
  - Current investigations with other Federal Agencies will be accepted upon verification by the OSY

# Foreign Nationals

- Two-year residency restrictions for 24-hour access
- Restricted areas access
- Must clear pre-employment background investigation
- Foreign National visitors must be escorted at all times by a Government employee

# **Data Access and Dissemination System (DADS II)**

***IT Security***

**Tim Ruland  
Chief, IT Security**

# IT Security Organization

- Develops and manages the IT Security Program for the Census Bureau
- Provides support to Decennial Operations
- Manages BOC CIRT
- Reports directly to CIO

## **Title III - PL 107-347 (E-Government Act of 2002)**

- Provide a mechanism for improved oversight of Federal agency information security programs
- Acknowledge that commercially developed ITSec products offer advanced, dynamic, robust, & effective ITSec solutions
- Recognize that the selection of specific technical hardware and software solutions should be left to the individual agencies from among commercially developed products

# Specific Responsibilities

- Providing ITSec protections commensurate with the risk and magnitude of harm resulting from unauthorized access, use, disclosure, disruption, modification, or destruction of –
  - Information collected or maintained by or on behalf of the agency; and
  - Information systems used or operated by an agency or by a contractor of an agency or other organization on behalf of an agency



# Required Documentation

- Risk Assessment (NIST SP 800-30)
- Sensitive System Security Plan (NIST 800-18)
- Contingency Plan (NIST 800-34)
- Security Self-Assessment Guide for IT (NIST 800-26)
- Information & Information System Sensitivity (NIST FIPS 199, NIST 800-60)
- Security Controls (NIST 800-53)

# Other Considerations

- Encryption (NIST FIPS 140-2)
- Object Reuse
- C2 Security (EAL 2 minimum)
- Certification and Accreditation (NIST 800-37)
- On-site Reviews
- Patch Management
- Incident Handling

# Common Identification Standard for Federal Employees and Contractors (HSPD-12)

- Fed Employees and Contractors must meet minimum clearance requirements (Office of Security)
- Need to plan accordingly when staffing
- No physical access to Bowie Computer Center by Foreign Nationals
- Investigation and access based on risk level (low, moderate, high)
- Limited physical and logical access until investigation is completed

# **Data Access and Dissemination System (DADS II)**

## ***Acquisition Status***

**Michael Palensky  
Chief, Acquisition Division**

# Acquisition Approach

- Best value source selection
- Single award
- Cost type contract
  - Performance based with fee
- Innovative, commercial, open systems encouraged

# DADS II Planned Key Tentative Acquisition Dates

Draft RFP	Dec 1, 2005
Draft RFP Questions Due	Jan 4, 2006
RFP Release	Feb 27, 2006
Proposals Due	Apr 17, 2006
Anticipated Contract Award	Aug 28, 2006

# Draft Request for Proposal

*Will be on the Acquisition Website on Dec 1*

- Will include sections C, L, M and several J attachments
  - Section J attachments include Performance Measures and DADS Overview
- Second posting on Dec 8 and will include additional section J attachments
  - Additional Section J attachments include the System Requirements Document and the Requirements Traceability Matrix

# Industry Ideas Wanted

## *Acquisition Discussion Topics*

- What contract type would be most effective in ensuring program success?
- What incentive approaches are recommended?
- Would like responses to all materials including:
  - The contract phases
  - Sample performance measures
  - Location of contract performance



# **Data Access and Dissemination System (DADS II)**

## ***Questions & Answers***